John von Neumann
Postdoctoral Fellowship in Computational Science

Sandia National Laboratories

Seeking Applicants!

Do you want to perform innovative research in computational mathematics and scientific computing? Are you passionate about research that impacts a broad range of problems of national importance? You could be the next John von Neumann Postdoctoral Fellow at Sandia and join our dynamic team!

We are now accepting applications for the 2022 John von Neumann Fellowship in Computational Science. This is one of Sandia's most prestigious postdoctoral fellowships. You will:

- Address complex problems in support of broad-ranging mission areas,
- Collaborate with highly motivated researchers on challenging research questions, and
- Present your work within leading publications and conference venues.

One of the country's largest research facilities, Sandia employs over 14,000 people in Albuquerque, New Mexico and Livermore, California, in an exciting and highly collaborative multidisciplinary work environment. Our mission areas include energy, nuclear deterrence, earth science, nonproliferation, defense, infrastructure, homeland security, counterterrorism and cybersecurity. We serve as stewards of important capabilities for the nation in scientific simulation and visualization, high-performance computing, and extreme-scale data analysis. Our state-of-the-art parallel-computing environment includes numerous large-scale clusters, visualization servers, and other specialized computing systems.

Requirements:

- You have or will receive a Ph.D. in applied/computational mathematics or a related area, such as computer science, engineering, or statistics, conferred after January 1, 2018 and no later than August 2022
- A background that includes research experience, as evidenced by a strong record of research publications and presentations
- A compelling research proposal for self-directed research to be conducted as a von Neumann Postdoctoral Fellow. The research proposal must be mathematical in nature (broadly interpreted) and have relevance to computational, scientific, engineering, or analysis work at Sandia
- Appropriate background and experience to pursue the proposed work
- Ability to acquire and maintain a DOE security clearance, which requires U.S. citizenship

For more information, visit:
www.sandia.gov/careers/students_postdocs/fellowships/johnvonneumann_fellowship.html

Applications will be accepted through **November 24, 2021**

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